



FRA Accomplishments

August 4, 2015

2012 Right-of-Way Fatality & Trespass Prevention Workshop



- ❖ The goal of this workshop is to identify and share existing industry best practices and explore new trespass abatement and mitigation strategies
- ❖ More than 180 people attended the last conference held in St. Louis

2012 Right-of-Way Fatality & Trespass Prevention Workshop

- ❖ Provide FRA and all workshop stakeholders with a current status of activities and research.
- ❖ Formulate, by intermodal and stakeholder consensus, an updated set of initiatives, strategies, programs, and research needed.
- ❖ Prepare these needs in a prioritized action item format.



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TOPIC AREA	TITLE
1. Pedestrian Safety Issues	Data collection and analysis
	<i>Engineering design</i>
	Distracted behavior—pedestrians and cyclists
	Lack of standard signage and evaluation of effectiveness of each type
2. Hazard Management	Safety culture
	Data collection
	Define hazard management

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TOPIC AREA	TITLE
3. Design, Technology, Infrastructure	<i>Fencing design and utilization</i>
	Barriers designed to mitigate pedestrian distraction
	Exploratory technology research and education
	<i>Train-activated in-pavement lights (initiated April 2015)</i>
4. Community Outreach	Public awareness campaign
	Community outreach partnerships
	National Community Awareness Day
	<i>Outreach and awareness toolkit</i>

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TOPIC AREA	TITLE
5. Enforcement	Seek full police authority
	Develop specific railroad/transit trespass law.
	(a) Focus on “high value” targets, i.e., trespassers with malicious intent, homeless, drug/alcohol, other; (b) Strategies for different types of trespassers—casual, impaired, malicious (<i>Law Enforcement Strategies</i>)
	Strive to have “crucial conversations” with local courts and prosecutors to prioritize trespass

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TOPIC AREA	TITLE
5. Enforcement	Develop law enforcement grants that can target trespass cases
6. Intentional Deaths/Acts	Education
	<i>Eliminating trigger terminology from public communication</i>
	Exploration of trespass prevention messaging

Engineer Design for Pedestrian Safety

- ❖ Research on practical and cost-effective engineering design solutions such as pedestrian channelization techniques currently employed on the rail system that will enable railroads to mitigate pedestrian crossing hazards.
- ❖ The result will be the development of recommendations or guidelines on the use of such solutions



Engineer Design for Pedestrian Safety



Fencing Strategies



- ❖ Conduct research on the current use of high-security fencing by railroads and transit agencies.
- ❖ The focus of the study will be to gather and analyze cost and implementation approaches for this fencing.

Fencing Strategies

- ❖ The fencing should be thoroughly designed to prevent trespassing from all direction – over, around, under, and through.
- ❖ Positive community engagement can be extremely beneficial to a fencing program and a trespass-prevention program in general.



Law Enforcement Strategies

- ❖ To identify and research current best practices and effective initiatives used by law enforcement organizations in areas where there exists a high degree of public awareness and compliance with railway trespassing laws.



Law Enforcement Strategies

Keys to Success

- ❖ Identification of problem areas
- ❖ Funding
- ❖ Support from company/organization
- ❖ Support and understanding of issue from judicial branch
- ❖ Committees, councils and working groups keep issue at the forefront

Development of Training Aids (Trespass and Crossing)

- ❖ Develop enhanced trespass prevention materials.
- ❖ Create a simulation: real time safety responses to real world situations.



Train Activated In-Pavement Lights

Evaluate potential applicability and effectiveness of this type of crossing enhancement technology to decrease driver and pedestrian risky behavior at grade crossings.



Media Guidelines for Suicide Reporting



❖ It is known that certain media representations of suicide can draw people to attempt suicide using the reported means.



❖ Provide rail carriers and media representatives with rail-specific guidelines for how to responsibly report on suicide incidents

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Questions?

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